

Nursery Product Guide



Rooted in your community.

TerraLink

In this Guide:

Plant Nutrition	2
Crop Protection	3
Herbicides.....	3
Insecticides.....	7
Fungicides	11
Substrates	18
Safety Gear	19
Pruning Equipment.....	20
Sprayers & Applicators	20
Floating Row Covers.....	21
Mulch Film	21
Plant Science Lab	21

PLANT NUTRITION

Water Soluble Fertilizer

Plant Prod Water Soluble Fertilizer

Plant Prod 20-20-20 Classic

A general purpose water soluble fertilizer for all types of plants. Balanced formula. High percentage of ammoniacal and urea nitrogen will provide rapid green-up and leaf expansion while the balanced phosphorus and potassium will encourage root and shoot growth.

15 kg SKU: 3015280

Plant Prod 10-52-10 Starter

Fully soluble starter formulation with high phosphorus levels to initiate rapid root development. A very safe fertilizer with a low salt index, contains no sulphates or harmful chlorides. Use when transplanting seedlings or bedding plants or whenever a high phosphorus fertilizer is required.

15 kg SKU: 3015100

Plant Prod 28-14-14 High N

For crops such as cut flowers and container nursery stock. Used for foliar feeding due to its very low salt index and high level of urea nitrogen. Use during periods of vegetative growth, when plants have a high nitrogen requirement. Use to correct nitrogen deficiency where soil or tissue tests show low N.

15 kg SKU: 3015320

Plant Prod 20-8-20 All Purpose High N

This high-nitrogen fertilizer is ideal for plants grown in soilless media and forms the backbone of many greenhouse

growers' nutritional programs. Over 60% of the nitrogen is in the nitrate form, making it an ideal formulation for any time of the year, even during low light conditions. Use alone or in rotation with Cal-Mag to provide a balanced fertilizer program.

15 kg SKU: 3015480

Plant Prod 7-11-27

This formula provides an excellent fertility program for greenhouse crops growing in Nutrient Film Technique (NFT), rockwool culture and other forms of hydroponic or soilless cultures. It must be used with calcium nitrate for a complete nutritional program. Fall feed option.

15 kg SKU: 3015380

Plant Prod 12-2-14 Optimum +Ca +Mg

Designed specifically for plug production but can also be used as a calcium and magnesium supplement formula for many crops. All 5 macronutrients and a complete micronutrient package all in one bag. Ca to Mg ratio is 2:1 as required for plugs. 97% of the nitrogen is in the nitrate form.

Size: 15 kg SKU: 3015160

Plant Prod 17-5-17 Complete Solutions +Ca + Mg

An advanced all-in-one nutritional program providing all 5 macro nutrients in one package (N, P, K, Ca and Mg). This balanced growth formulation provides high levels of nitrate with no urea. Enhanced micro nutrients with triple chelation ensures complete nutrition over a wide pH range.

Size: 15 kg SKU: 3015940

Plant Prod Trace Mix Chelated Micros

A water soluble micronutrient mix which can be used as a supplement where deficiencies exist for crops grown in soil, or in a regular feeding program for crops grown in artificial and soilless media.

10 kg SKU: 3016460

2 kg SKU: 3016440

Plant Prod Water Soluble Fertilizers

High K 15-15-30 15 kg 3015200

High P 15-30-15 15 kg 3015220

SuperBloom 10-40-25 15kg 3016220

Acidifier 21-7-7 15kg 3015560

Plant Prod Single Micronutrients

Copper Chelate 14% 2 kg 3016984

Iron Chelate 13.2% 2 kg 3016980

Zinc Chelate 14% 2 kg 3016981

BORax 17.4% 2 kg 3016982

Manganese Chelate 13% 2 kg 3016983

Water Soluble Inputs

Often referred to as "Simples", these water-soluble fertilizers are used in fertigation or foliar applications.

Calcium Nitrate, 22.7 kg

MKP Monopotassium Phosphate, 25 kg

46-0-0 Urea, Greenhouse Grade, 25 kg

Potassium Nitrate 13.7-0-46, 22.7 kg

Potassium Sulphate 0-0-52, 22.7 kg

Potassium Chloride 0-0-62.3, 25 kg

Epsom Salts (magnesium sulphate), 25 kg

Magnesium Nitrate 10.7-0-0+9.3Mg, 25 kg

Solubor 20.5% B (organic) 22.7 kg

Zinc 15% Zn EDTA, 25 kg

Iron 13% Fe EDTA, 25 kg

Iron 11% Fe DTPA, 25 kg

Manganese 13% Mn EDTA, 25 kg

Copper Chelate 15% Cu EDTA, 25 kg

Calcium-Potassium Nitrate

KMag, 22.7 kg

Calcium Chloride, 50 lbs

Magnesium 6% EDTA, 25kg

Ammonium Sulphate 21-0-0+24S, 25kg

Silamol – Potassium Silicate, 1 L

Sodium Molybdate, 1 kg

Liquid Fertilizers

Liquid Fertilizers for Foliar or Fertigation Applications

BioCal 6-0-2+14Ca

BioCal is an organic-based foliar fertilizer to fulfill immediate calcium requirements of all crops, especially ornamental crops. Its unique formulation ensures calcium is readily absorbed by plant tissues. SKU: BF1890136

Boron+ 10% Eco Boron

This is our proprietary labeled liquid foliar boron. Commonly used to supplement soil applied boron. SKU: 3000551

Terra-Boost 0-0-6+2S

Recommended to be applied during most stages of growth, encouraging cell division. Terra-Boost is easily taken up by the plant and is compatible with most other foliarly applied compounds. It can be used on its own or as a part of a foliar program. SKU: 1800074

TigerClaw Liquid Foliar Fertilizer

Micronutrients are rapidly carried into the leaves of the plants on a highly soluble simple sugar molecule. There is no burning of plants or flowers. A quick response is shown in the plants as nutrients are delivered where they are needed especially when they are not typically mobile in the plant tissue. Used to correct nutritional deficiencies based on tissue or sap tests.

TigerClaw Calcium 5% SKU: 3422014

TigerClaw CBM (5% Ca, 0.4% B, 0.2% Mo) SKU: 3422120

TigerClaw Copper 5% SKU: 3423061

TigerClaw Iron 5.5% Iron (organic) SKU: 3423081

TigerClaw KDL 0-0-24 SKU: 3423231

TigerClaw Magnesium 3% (organic) SKU: 3423103

TigerClaw Manganese 5.5% (organic) SKU: 3423141

TigerClaw Symbex Liquid (organic) SKU: 3423001

TigerClaw Topset 9% B, 0.6% Mo SKU: 3423294

TigerClaw Zinc + 4 SKU: 3423300

TigerClaw Zinc 10% (organic) SKU: 3423124

TigerClaw MicroMix SKU: 3423190

Organic Liquid Fertilizers

NOTE: See our BioFert catalogues for a complete list of EcoCert approved nutritional products.

BioFish 3-1-2 (EcoCert)

BioFish is an organic & natural fish based liquid fertilizer for all crops. It is derived using a unique aerobic fermentation process that makes nutrients readily available to plants. BioFish can be used in drip, drench and foliar applications because of its unique formulation.
20 L SKU: BF1890146

Cal-0 6%Ca (EcoCert)

Cal-0 is a natural and organic calcium fertilizer which is free of chlorides. It is formulated using a natural chelation process which makes it a unique product. In addition to calcium, it also provides boron.
20 L SKU: BF1890513

Crop Conditioner 1-0-4 (EcoCert)

Crop Conditioner is a natural & organic liquid fertilizer specially designed for foliar application. Its unique formulation makes it an excellent carrier for efficient transportation of nutrients inside the plant. It is derived through extensive fermentation from organic materials.

Can also be added to all insecticides and fungicides to help reduce crop stress.
20 L SKU: BF1891037

Root Conditioner 0-0-2 (EcoCert)

Root Conditioner is an organic and natural liquid product which promotes rooting for maximum nutrient uptake. It helps in chelation of nutrients in rhizosphere when used in drip/drench applications.
20 L SKU: BF1891185

FERTILIZER ADDITIVES

Product	Code	Description	Size
pHortress 0-21-24	3005700	A nutrient complex best suited to crops grown under cool and wet conditions. Slightly acidic and easily absorbed. Foliar or soil application.	10 L
Nutrisorb	3000552	A plant extract that increases vegetative growth as well as root growth.	10 L
Stella Maris Liquid Sea Kelp	3001910	Ascophyllum nodosum kelp contains a range of naturally occurring plant nutrients and trace elements essential to plant growth and health. Aids in rooting and stress relief.	10 L
Stella Maris Organic**	3001940	Liquid organic kelp 0.1-0-5	10 L
Fish Bone Meal 4-13-0, prilled**	BF3429180	Bonemeal tote, prilled (special order)	2,000 lbs
	3429160	Bonemeal (granulated)	25 kg
Blood Meal 12-0-0**	BF3430126	Blood Meal, water soluble, porcine	<i>Bulk sizes may be special order</i> 25 kg
Feathermeal 11-0-0**	BF3430145	100% Feather meal	50 lbs
BioFert Hi-P	BF7603013	100% Natural mined soft rock phosphate 0-8-0 (EcoCert)	25 kg
Sulphate of Potash 0-0-50**	3429250	Source of Potash	2,000 lbs
	3429260		25 kg
Diamond K KMag**	3429350	Water Soluble KMag (0-0-22) Powder	50 lbs
Diamond K Sulphate of Potash**	3429400	Water Soluble SOP (0-0-50) Powder	50 lbs
Granubor**	3008780	Granular boron fertilizer, 15% B-Borate (special order item)	50 lbs
Solubor**	3008750	Water soluble boron fertilizer, 20.5 % B	50 lbs
Epsom Salts**	3001850	Magnesium Sulphate 9.8% MgSO ₄ *	25 kg
Canadian Mountain Gypsum**	7801200	Regular granulated gypsum, 22% Ca	50 lbs
	7801210	Fine granulated gypsum, 22% Ca	50 lbs
Diamond K Gypsum**	3429300	Water Soluble Gypsum Powder	50 lbs
Kelp Meal**	3008080	Kelp powder (OMRI Listed)	25 kg
Humic Acid**	3062035	Humic acid coarse mini granule (OMRI Listed)	55 lbs
Fulvic Acid Plus	BF1800874	Chelating agent foliar spray. Aids stress relief and nutrient uptake.	10 L
Novacal II	3000460	28% calcium granular gypsum that improves soil structure.	25 kg
	3000470		1,000 kg
Gypsum	7801200	regular prill**	50 lbs
	7801070		2,000 lbs
	7801210	fine prill	50 lbs
Dolomite Lime	7800420	granular	50 lbs
	7800400		2,000 lbs
	7800410	fine	2,000 lbs

Product (cont.)	Code	Description	Size
Doloprill	7820400	regular**	25 lbs
	7820300		50 lbs
	7820350		2,000 lbs
	7820350	fine**	50 lbs
Calpril	7820100	regular**	50 lbs
	7820500		2,000 lbs
	7820150	fine**	50 lbs
Hydrated Lime	7800030		25 kg
Lawn & Garden Lime	7800470	(calcium carbonate)	20 kg

** organic

Ask about our custom application services for lime products. Minimums may apply. Bare land only.

ROOTING HORMONES

Product	Code	Description	Size
Stimroot # 1 (pink)	1205400	Rooting hormone (powder) for softwood.	500 g
	1205670		10 kg
Stimroot # 2 (yellow)	1205500	Rooting hormone (powder) for semi-hardwood.	500 g
	1205680		10 kg
Stimroot # 3 (grey)	1205600	Rooting hormone (powder) for hardwood.	500 g
	1205690		10 kg
Stimroot 2500 (green)	1205640	Rooting hormone (liquid) for softwood.	1 L
Stimroot 5000 (blue)	1205660	Rooting hormone (liquid) for semi-hardwood.	1 L
Stimroot 10000 (red)	1205650	Rooting hormone (liquid) for hardwood.	1 L


CROP PROTECTION

There are no herbicides registered for use in a greenhouse.

Product Name	Broadleaf (BL) / Grasses (GR)	Pre- / Post-Emergent	Greenhouse or Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
HERBICIDES								
2,4-D	BL	POST	FIELD	4	2,4-D	10 L	1211410	Post emergence herbicide for control of broadleaf weeds on roadsides, uncropped lands and control of woody brush growth. Best applied May / June or Fall.
Aim EC	BOTH	POST	FIELD	14	Carfentrazone-ethyl	3.38 L	1001952	A selective post emergent herbicide to control many broadleaf weeds. Registered for use in field grown woody ornamental nurseries for sucker management (Malus, Sorbus, Prunus). Can tank mix with Glyphosate (horsetail).
Alion	BOTH	PRE	FIELD	29	Indaziflam	1 L	1001250	Selective pre-emergent herbicide for season long, residual control of important broadleaf and grass weeds. Can be tank mixed with Glyphosate for burndown of emerged weeds. List for use in Nut crops or apply to bare ground and roadways anytime of the year. 1 App / Yr.
Casoron 4G	BOTH	PRE	FIELD	20	Dichlobenil	22.7 kg	1005201	A selective, preemergence herbicide used to control grasses and broadleaf weeds in established plantings of woody ornamentals, including field and some container nursery stock. Do not apply at temps higher than 15°C. Wait at least four weeks after planting containers to apply Casoron. Water immediately after application.
Credit Xtreme 	BOTH	POST	FIELD	9	Glyphosate	10 L	1005945	Non-selective weed control for agricultural and non-crop uses.
Dacthal W75 WP	BOTH	PRE	FIELD	3	Chlorthal	10.88kg	1006800	Apply at lining out, late fall or early spring to cultivated soil or where weeds have been removed. Control up to 4 months or more. Ornamental Plantings: Abelia, Barberry, Deutzia, Euonymus, Forsythia, Holly, Juniper, Locust, Maple, Oak, Spiraea, Sycamore, Tulip tree, Walnut, Weigela, Willow, Yew, English ivy, Alyssum, Baby's breath, Candytuft, Feverfew, Gladiolus, Marigold, Peony, Petunia, Salvia. Check label for sensitive plants.
Devrinol 2-XT 	BOTH	PRE-	FIELD	15	Napropamide	10 L	1007140	A selective herbicide used to control annual broadleaf weeds and annual grasses in container and field grown nursery stock. Will not control established weeds. Apply to freshly weeded soil, or during fall and winter months. Can be applied to newly planted container-grown stock after soil has settled from first watering, to field grown nursery stock and to established plants. Requires rainfall or irrigation to a depth of 5 to 10 cm soon after application for adequate weed control. Fall and winter applications will provide excellent weed control the following spring and summer. See label for all listed plants.
Dual II Magnum 	BOTH	PRE	FIELD	15	S-metachlor	10 L	1009725	A selective pre-emergent and pre-plant herbicide used to control various annual grasses, broadleaf weeds and nightshade. Can be used on specific woody and herbaceous ornamentals and conifers for field production. Listed plants: Euonymus, Rhododendron, Hemerocallis, Hosta, Juniperus, Thuja, Abies, Pinus, Picea. Test non-listed plants before treating all.
						12 L	1009720	
Enfuse M510	BOTH	PRE	FIELD	n/a	Sodium methylidithiocarbamate	9 L	1100340	Soil Fumigant for the control of weeds, fungi and nematodes of ornamental, food and fiber crops. Also used to treat wood to minimize decay and insects. Minimum soil temp of 10°C.
Fireworxx	BOTH	POST	FIELD	n/a	Ammonium Soap of Fatty Acids	10 L	1101470	Non-selective control of weeds, grass, algae & liverwort.
Gallery 75 DF 	BL	PRE	FIELD	n/a	Isoxaben	454 g	1102450	Certain broadleaved weeds in conifer bareroot and container nursery stock for listed trees, shrubs and groundcovers grown for silviculture purposes, and containerized ornamentals grown in nurseries. For outdoor use only. Not for use on cut flowers. Good on snapweed.
Garlon XRT 	BL / WOODY	POST	FIELD	4	Triclopyr	10 L	1102413	The spray should not contact the branches of the Christmas trees as injury will occur. Use of shields will help prevent direct contact. Ensure complete coverage of the leaves of the target weeds. Apply to trees at least 1.2 metres tall. Apply after the buds of the Christmas trees have hardened off and no lammas growth is present. Do not apply in the year of planting. Apply only once per year.
Goal 2XL 	BOTH	BOTH	FIELD	14	Oxyfluorfen	9.46 L	1102650	XMAS Trees - Balsam Fir, Fraser Fir, White Spruce, and White Pine and other coniferous woody plants such as Cedar, Juniper, Pine, Spruce and Yew. Field and container use. Can tank mix with glyphosate.
Kerb SCT&O	GR (+ \ chickweed)	POST	FIELD	15	Propyzamide	10 L	1103570	Selective herbicide used to control quackgrass, perennial grasses (orchardgrass, timothy), and most annual grasses, including wild oats and volunteer wheat. Controls chickweed. Readily absorbed by plants through the root system. Can be applied pre-plant incorporated on certain crops, pre-emergence and post-emergence to weeds and all crops. Post-emergence applications will control weeds by soil uptake. Iris, peony, ground covers (except Vinca minor) and any coniferous trees and shrubs which are tolerant of Kerb. Apply in the fall - November to February. Do not apply to transplants less than six months in. Also for use on containers.




Product Name	Broadleaf (BL) / Grasses (GR)	Pre-/ Post-Emergent	Greenhouse or Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
HERBICIDES (cont.)								
Lontrel 360 EC 🌲	BL	POST-	FIELD	4	Clopyralid	4.5 L	1106960	A post emergent herbicide for annual and perennial broadleaf weeds registered for use on Christmas tree plantations, pastures, rangeland, and non-crop land.
Moss-Aside	See info	POST-	BOTH	N/A	Potassium Salts of Fatty Acids	10 L	1108650	Avoid contact with growing plant tissue. Controls moss, algae, lichens & liverwort on and around nurseries, buildings and greenhouses. Can be used on roofs, decks, siding, walkways, fences, growing containers, other structural surfaces, hardened bark of trees, lawns, turf, cultivated areas and exteriors of motor homes & boats.
Munger Horticultural Vinegar	BOTH	POST-	BOTH	N/A	Acetic Acid 20%	10 L	1108780	Post-emergent, non-selective vegetation control in and around the garden, established trees and shrubs, sidewalks, driveways, patio, non-crop areas, right-of-ways and industrial land sites. Leaves no harmful residue. EcoCert Certified.
Poast Ultra (+ Merge)	GR	POST-	FIELD	1	Sethoxydim	7.7 L	1111651	Trees and Shrubs –White spruce, Colorado spruce, Scotts pine, Douglas fir, Caragana, Cedar, Juniper, Green ash, Lilac, Saskatoon, Buffaloberry, Sea-buckthorn, Potentilla, Spirea, Maple, Walnut
Princep Nine-T 🌲	BOTH	PRE-	FIELD	5	Simazine	5 kg	1200300	A pre-emergent herbicide used to control lady's thumb, lamb's quarters, purslane, ragweed, wild buckwheat, smartweed, volunteer clovers, barnyard grass, crab grass, wild oats, yellow foxtail and perennial weeds starting from seed. Princep can be used on a variety of tree fruits, small fruit, nursery stock, Christmas trees and shelterbelts. Do not mix with glyphosate.
Prowl H20 🌲	BOTH	BOTH	BOTH	3	Pendimethalin	8.9 L	1200425	Nursery, Ornamental, XMAS Trees. Directed sprays only, not over top of plants. Do not apply during bud swell / break. Long residual. 1 App / Yr. For use in field, liner and container grown outdoor ornamentals and conifers. On label: Thuja, Tsuga and Taxus. Can tank mix with Glyphosate or Gallery (snapweed / bittercress control).
Pyralid 🌲	BR	POST-	FIELD	4	Clopyralid	4.45 L	1200905	A fully systemic herbicide for post-emergent control of perennial and annual broadleaved weeds in field crops, Balsam Fir Christmas tree plantations and non-cropland. Controls Canada thistle, vetch, alsike clover, common ragweed, wild buckwheat, scentless chamomile, common groundsel and volunteer alfalfa. It suppresses growth of perennial sow-thistle through control of top growth, sheep sorrel and ox-eye daisy.
Rival 500 EC	BOTH	PRE	FIELD	3	Trifluralin	9 L	1201350	Woody nursery stock & perennials (do not use on Ajuga, Myrtle & Pachysandra). Also for use on containers.
Roundup WeatherMAX 🌲	BOTH	POST	FIELD	9	Glyphosate	10 L	1201930	Non-selective weed control. Moves through foliage to root system. Visible effects from 2-10 days depending on weed. Perennials best controlled at or near maturity.
Roundup Transorb HC 🌲	BOTH	POST	FIELD	9	Glyphosate	10 L	1201940	Non-selective weed control. Moves through foliage to root system. Visible effects from 2-10 days depending on weed. Perennials best controlled at or near maturity.
Serene Horticultural Vinegar	BOTH	POST-	BOTH	N/A	Acetic Acid 20%	10 L	1203201	Post-emergent, non-selective vegetation control in and around the garden, established trees and shrubs, sidewalks, driveways, patio, non-crop areas, right-of-ways and industrial land sites. Leaves no harmful residue. EcoCert Certified.
						200 L	1203202	
Simazine 480 🌲	BOTH	PRE -	FIELD	5	Simazine	9.46 L	1203910	An pre-emergent herbicide used to control germinating broadleaf and annual grassy weeds in field grown woody ornamentals, nursery stock, shelter belts and conifers. Targets weeds that include broadleaf weeds such as lamb's quarters, purslane & ragweed and annual weeds such as barnyard grass, crabgrass & wild oats. Do not mix with glyphosate.
Specticle-G	BOTH	PRE-	FIELD	29	Indaziflam	20 kg	1204890	Ready-to-use granular, selective, pre-emergent herbicide for season long control of many important hard to control broadleaf and grass weeds such as: Bittercress (Snapweed), Groundsel, Oxalis, Chickweed, Crabgrass and Annual Bluegrass in container-grown ornamentals, trees and shrubs. Only apply to plants with an established root system. Not for use in greenhouses or indoors. One application per season. Apply only to plants on the label. Not suited for all ornamentals or grasses. Apply to dry foliage when dormant or in season. Do not allow granules to stay in contact with foliage, especially young tissue.
Sureguard 🌲	BOTH	PRE-	FIELD	14	Flumioxazin	2.27 kg	1206470	A pre-emergent herbicide used to control a variety of weeds. Can be applied to field and dormant container grown ornamentals, deciduous & coniferous trees (including Christmas trees) and trees produced for reforestation. Can also be used for the maintenance of bare ground, non-crop areas in and around ornamental nurseries. Mixable with glyphosate.
Velpar DF 🌲	BOTH	BOTH	FIELD	5	Hexazinone	2 kg	1209950	A pre and post emergent herbicide for selective control of weeds and brush in woodland management areas and Christmas trees. Best results are obtained when present in the root zone during active growth of the target vegetation. Symptoms usually appear within 2 weeks after application under warm, humid conditions; 4 to 6 weeks when weather is cool.

Product Name	Broadleaf (BL) / Grasses (GR)	Pre- / Post-Emergent	Greenhouse or Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
HERBICIDES (cont.)								
Venture L	GR	POST-	FIELD	1	Fluazifop-P-butyl & S-isomer	8L	1209970	A post emergent herbicide for control of annual grasses in broadleaf crops. For use with ornamental plants, shrubs, trees, forest and ornamental nurseries.
VP480	BOTH	POST-	FIELD	9	Glyphosate	10 L	1209060	A glyphosate used for non-selective weed control in a variety of crops to control annual grasses, annual broadleaf weeds, perennial weeds, perennial broadleaved weeds and woody brushes and trees.


Product Name	Contact (CON) / Systemic (SYS) / Ingestion (ING)	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
INSECTICIDES								
Acelepryn	CON	BOTH	BOTH	28	Chlorantraniliprole	1.89 L	1000395	For use on turfgrass for control of annual bluegrass weevil, black cutworm, black turfgrass ateni-us, European chafer larvae, European crane fly larvae, and Japanese beetle larvae and for use on greenhouse and outdoor ornamentals for Japanese beetle larvae control, leafminer, leafroller etc. Toxic to bees.
Acramite 50WS	CON	FIELD	FIELD	25	Bifenazate	464 g	1000470	Selective miticide for the control of a variety of mite pests on hops and tree nuts Crop Group 14. Provides quick knockdown through contact activity. Not systemic in action; therefore complete coverage of both upper and lower leaf surfaces is necessary for effective control.
Actara 25 WG	CON/SYS	FIELD	FIELD	4	Thiamethoxam (neonic)	850 g	1000415	For use on outdoor ornamentals to control listed sucking and chewing insects (aphids, leafhoppers) and suppression of Tarnished plant bug (Lygus). Control through contact and ingestion and is taken up into foliage after application. Rainfast once the spray solution has dried on treated plants. Foliar application only. Toxic to bees.
Admire 240F 	SYS	FIELD	FIELD	4	Imidacloprid (neonic)	1 L	1000430	A systemic insecticide registered for use on a variety of field crops including hazelnuts and walnuts (aphids and leafhoppers), herbs (aphids and leafhoppers), hops (aphids) and Christmas trees (Fraser & Balsam Fir for Balsam twig aphid). Can be applied as a foliar spray or a soil drench. Toxic to bees.
						3.78 L	100440	
Agita 1G	See info	n/a	BOTH	4	Thiamethoxam, z-9 tricosene (neonic)	1 kg	1000700	Agita is a new fly bait formula containing a house fly sex attractant which encourages both male and female house flies to remain in the treated areas, thereby feeding on the bait. Bait should be scattered once per day over fly feeding areas and places where flies are known to congregate to provide initial knockdown and reduction of house fly populations. Bait may also be used in hanging or stationary tamper-resistant bait boxes in locations not accessible to children, pets, domestic animals or wildlife. Hanging Bait stations available.
Altus	See info	BOTH	BOTH	4D	Flupyradifurone	2 L	1001258	Translaminar, acropetally systemic, non-neonic control of aphids, leafhopper, whitefly in both GH & outdoor grown ornamentals including flowers, foliage plants, woody perennials, shrubs, trees & groundcovers. Soil or Foliar application. Rainfast 1 hr. Toxic to certain beneficials.
Avid	SYS	CT	GH	6	Abamectin	1 L	1002580	For Control of Leafminers and Spider Mites on Greenhouse Ornamental Plants. Toxic to predatory mites. Translaminar, locally systemic
BeetleGONE	CON	BOTH	BOTH	11	<i>Bacillus thuringiensis subsp. galleriae</i> strain SDS-502	2.26 kg (5 lbs)	1003590	Selectively controls listed beetle adults and larvae (European Chafer Beetle, Japanese Beetle, Annual Bluegrass Weevil (larvae), plus) in turf & ornamental plants in residential and commercial settings, public landscapes, nurseries, greenhouses and indoor plantscapes. Foliar spray or drench. Controlled by ingestion.
Beleaf 50SG	CON / ING	BOTH	BOTH	9C	Fonicamid	680 g	1004000	Has a unique mode of action that specifically targets aphids. It is soft on beneficial insects such as bees and predator mites. Activity is by contact and ingestion. It quickly stops aphid feeding (in as little as 30 minutes) resulting in starvation. It is registered for control of aphids, thrips, whitefly and lyngus on greenhouse ornamentals including cut flowers and for the control of aphids on outdoor ornamentals.
BioCeres G WP	CON	GH	GH	n/a	<i>Beauveria bassiana</i> strain ANT-03	500 g	1004090	Biological control of whitefly, thrips, aphids on GH Vegetables, Herbs, Ornamentals or Medicinal plants. UV protectant included. Effective on diapausing insects. Suited to IPM programs. ORGANIC



Crop protection products highlighted in brown shading are allowed in organic production.

Product Name	Contact (CON) / Systemic (SYS) / Ingestion (ING)	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
INSECTICIDES (cont.)								
Bioprotec Plus (Organic)	ING	BOTH	BOTH	11	<i>Bacillus thuringiensis</i> subspecies <i>kurstaki</i> , strain EVB 113-19	10 L	1004110	Aqueous biological insecticide for use on agricultural and greenhouse crops, forests, woodlands, ornamentals, residential and other treed areas. It is composed of Btk (<i>Bacillus thuringiensis</i> ssp. <i>kurstaki</i>) to control lepidopteran larvae (caterpillars). Resistant to UV light, Bioprotec CAF will last for up to 8 days on the leaves of all types of plants. Add wetting agent when applying to conifers.
Botanigard ES	CON	CT	GH	N/A	<i>Beauveria bassiana</i> Strain GHA	1 L	1004310	BotaniGard contains live spores of the naturally occurring fungus, <i>Beauveria bassiana</i> Strain GHA. BotaniGard is formulated as a wettable powder and as an emulsifiable suspension mycoinsecticide. It is formulated to control whiteflies, aphids and thrips in greenhouse ornamentals and vegetables. ES version for drenching, WP for foliar applications. Cold fog allowable.
Botanigard WP						500 g	1004320	
Citation 75WP (IGR)	CON	CT	GH	17	Cyromazine	450 g	1005520	An insecticide that acts as an insect growth regulator. Can be used as a drench of foliar spray on greenhouse ornamentals. Provides control of leafminers, fungus gnats, shoreflies and sciarid flies by inhibiting the larval stages of this pest. May adversely affect some species of predatory mites and leafminer parasitoids. Use with caution in a pest management program utilizing these beneficial arthropods. Citation has translaminar activity.
Closer SC	CON	BOTH	FIELD	4C	Sulfoxaflor	1 L	1005515	Control of aphids, leafhopper and/or scale in outdoor ornamentals and tree nuts. Good contact on upper and lower leaves necessary for control. Not all varieties of ornamentals tested for tolerance.
Confirm 240F	CON/ING	CT	GH	18	Tebufenozide	3.785 L	1005560	Used to control lepidopteran (caterpillars) in ornamental crab apples and greenhouse ornamentals. Can be used for codling moth, oblique banded leafrollers, spotted tentiform leafminer and cabbage loopers (to name a few). Does not adversely affect beneficial insects such as predatory mites, beetles, wasps, and spiders. Ideal for IPM systems.
Cygon 480 AG 	SYS	BOTH	FIELD	1B	Dimethoate	10 L	1006220	True systemic. Control of sawfly, bagworms, scales, leaf/needle miner, thrips, aphid, mealy bug, midges, lacebug, WF and mites on listed flowering plants, ornamental shrubs and trees (arborvitae, birch, boxwood, cedar, douglas fir, larch, hazelnuts, holly, juniper, lilac, oak, pine, spruce, yew, azalea, camellia, carnation, day lilies, euonymus, gardenia, gerbera, gladioli, iris, poinsettia (outdoor), roses, Christmas trees). Do not apply during blooming or 5 day period prior to bloom. Toxic to certain beneficials.
DDVP 20% EC	CON	BOTH	BOTH	1B	Dichlorvos	10 L	1006790	Used to control flies, mosquitos, ants, fleas, wasps, hornets and yellow jackets in stables, barns, sheds, poultry houses & outdoor living areas (ie. backyard, picnic areas). Can also be used to control aphids and white flies in greenhouse ornamentals. Thoroughly ventilate area the day after application.
Deadline M-PS	ING	BOTH	BOTH	-	Metaldehyde	22.67kg	1006920	Pellets attracts and destroys slugs and snails. For use in vegetables, fruit tree crops, small fruit crops, turf and ornamentals. Persistent in rain.
Delegate WG	See info	FIELD	BOTH	5	Spinetoram	840 g	1007080	Foliage pests including thrips, loopers, leafhoppers, borers and coneworms on many crops including non bearing Malus & Prunus nursery stock, tree nuts, conifers and hops.
DeltaGard SC	CON	BOTH	BOTH	3	Deltamethrin	1 L	1007070	A highly effective, fast acting contact insecticide, used at very low rates. It is registered to control chinch bugs, sod webworm, cutworm and ants in residential lawns, golf courses, and sod farms. It is also registered for use in greenhouse floriculture crops (<i>Chrysanthemum</i> , <i>Cineraria</i> , Easter Lilies, Geraniums) for control of western flower thrips. DeltaGard is a third generation synthetic pyrethroid insecticide and is a man-made version of a natural insecticide derived from the <i>chrysanthemums</i> .
Dibrom 96E	CON	BOTH	BOTH	1B	Naled	3.78 L	1007800	A broad spectrum insecticide to be used as a fog treatment, vapour treatment, ground spray, aerial spray or through a mistblower. For use on ornamentals, roses & cut flowers (greenhouse) for control of whiteflies, spider mites, aphids, leafrollers, & mealybugs. On outdoor ornamentals (roses, dahlias, chrysanthemums, Canterbury bells, arborvitae, pittosporum, snowball, Chinese magnolia, aucuba, zinnia, stocks, azalea, willow, and privet) for control of aphids, leafhoppers, red spider mites, tent caterpillars, birch and holly leafminers, and willow leaf beetle. Toxic to certain beneficials.
Dipel 2 XT (Organic)	ING	BOTH	BOTH	n/a	<i>Bacillus thuringiensis</i> subspecies <i>kurstaki</i>	0.5 kg	1008350	A biological insecticide used to control lepidopteran larvae (caterpillar) on a variety of crops. Apply when the larvae are young. Use on ornamental & shade trees and greenhouse ornamentals. Organic growers should confirm with their association prior to purchase.
Distance (IGR)	CON/ING	CT	GH	7	Pyriproxyfen	1L	1008380	An insect growth regulator used for whitefly control on greenhouse ornamentals. Distance will affect all life stages of the insect, including eggs, nymph, larvae, pupae and adults. Does not control adults but greatly reduces their production of viable eggs due to its strong transovarial activity. Translaminar movement through leaf.

Product Name	Contact (CON) / Systemic (SYS) / Ingestion (ING)	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
INSECTICIDES (cont.)								
Dormant Oil (Organic)	CON / Suf-focant	FIELD	FIELD	n/a	Mineral Oil	10 L 200 L	1009050 1009200	A mineral oil used in dormancy to control scale, mites, and psylla and as a general clean-up. Can be tank mix with Lime Sulphur and fixed copper.
Dyno-mite 75 WP 	CON	BOTH	BOTH	21	Pyradiben	280 g	1009500	A contact insecticide / miticide used for control of various mites and whiteflies in greenhouses on ornamental plants, trees, shrubs, flowers and foliage crops and outdoor ornamental plants for nursery stock. Excellent knockdown and residual control.
Endeavor 50 WG 	CON	BOTH	BOTH	9B	Pymetrozine	420 g	1100315	A contact insecticide that works by stopping the feeding activity of aphids and whitefly populations on ornamental plants in greenhouses. Also for aphids on outdoor ornamentals and to control the Balsam Twig aphid on Christmas trees. Residual activity on insects that move onto plants after spraying. Suitable for IPM programs. Low toxicity to beneficials and bees.
Enstar EW (IGR)	CON	CT	GH	7	(S)-kinoprene	946 ml	1100452	An insect growth regulator used for preventative and gradual control of whiteflies and aphids, and suppression of mealybugs in greenhouses on ornamental plants. Enstar will provide a gradual reduction in the insect population levels. At the preventative maintenance rate, morphological, ovicidal, and sterilizing effects are seen. At the higher rate for heavy populations, kills adults.
Entrust SC (Organic)	CON	FIELD	FIELD	5	Spinosad	1 L	1100328	An organic product registered to control larval pests on turf, outdoor herbaceous & woody ornamentals. Pests include: sod webworm, conifer sawfly larvae, eastern tent caterpillar, elm leaf beetle, gypsy moth, willow leaf beetle & western flower thrips. Apply at early larval stage. Toxic to bees and many beneficials
Flagship WG	SYS / CON / ING	FIELD	FIELD	4	Thiamethoxam (neonic)	.905 g	1101460	For control or suppression of insect pests such as black vine weevil, aphids, leafhopper, tarnished plant (Lygus) bug, brown marmorated stink bug, viburnum leaf beetle and pepper weevil on outdoor ornamentals and Viburnum in outdoor nurseries and landscapes. Works by contact and ingestion. A systemic neonicotinoid. Rainfast when dried. Highly toxic to bees.
Floramite SC 	CON	BOTH	BOTH	25	Bifenazate	946 ml	1101490	A contact and selective miticide used to control different species of mites. Floramite will control two spotted and Lewis spider mites on indoor ornamentals grown in greenhouses, shadehouses and interiorscapes. Floramite will also control spruce spider mites on Christmas trees. Virtually no impact on many beneficial insects.
Forbid 240 SC	SYS / CON	CT	GH	23	Spiromesifen	500 ml	1101521	Translaminar insecticide/miticide for the control of listed whiteflies and spider mites in greenhouse ornamentals. Active by contact on all mite development stages (ovicidal, larvae and adult). Mite juvenile stages are often more susceptible than adults. Also effective against whitefly nymphs and on the pupal stage.
Fujimite	CON	CT	GH	21	Fenpyroximate	1 L	1102090	Recommended for use on indoor and greenhouse ornamental crops, including flowering and foliage crops, nursery crops, non-bearing fruit trees and vines during greenhouse propagation. Works primarily through contact action and good spray coverage is necessary. For control of spider mites, broad mites, cyclamen mite and whiteflies (suppression only). Best control when applied to immature stages.
grubGONE! G	CON	BOTH	FIELD	11	<i>Bacillus thuringiensis subsp. galleriae</i> strain SDS-502	40 lbs	1102890	Selectively controls listed beetle adults and grubs and larvae (European Chafer Beetle, Japanese Beetle, June beetle, Annual Bluegrass Weevil (larvae), plus others, in turf & ornamental plants in residential and commercial settings, public landscapes, nurseries, greenhouses and indoor plantscapes. Granular application. Controlled by ingestion. Mortality depends on insect stage.
Intercept 60 WP	SYS	BOTH	BOTH	4	Imidacloprid (neonic)	250 g	1103420	A systemic insecticide that is translocated upward in the plant. Used as a soil drench on greenhouse ornamental plants for aphid and whitefly control. Also registered to control European chafer and Japanese beetle larvae in container and field grown nursery stock including: trees, shrubs, herbaceous perennials and ornamental grasses.
Kanemite 15 SC	CON	FIELD	FIELD	20B	Acequinocyl	5 L	1103440	Delivers rapid knockdown and long-lasting residual activity on mites at all life stages: eggs (ovicidal), larvae and adults. Controls Two-spotted spider mite and Spruce Spider Mite on field grown floral ornamentals, foliage, nursery crops, roses and tree nuts. Easy on predatory mites, honeybees and other beneficial species. Not effective on Rust Mites.
Kontos	SYS	BOTH	BOTH	23	Spirotetramat	1 L	1104140	A true systemic insecticide, moving both upward and downward in the plant. The residual benefits last up to 30 days. For greenhouse and outdoor grown ornamentals (except conifers) for whiteflies, aphids, mealy bugs, thrips, scale and spider mites. Not recommended on all ornamentals, see restrictions on Fact Sheet. For best results, tank mix Kontos Insecticide with Agral 90 (a non-ionic spray, adjuvant / additive having spreading and penetrating properties)

Product Name	Contact (CON) / Systemic (SYS) / Ingestion (ING)	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
INSECTICIDES (cont.)								
Kopa Insecticidal Soap (Organic)	CON	BOTH	BOTH	N/A	Potassium salts of fatty acids 47%	10 L	1104040	A contact insecticide that controls a variety of common garden and crop pests. For control of aphids, earwigs, mealybugs, spider mites, psyllids, pear and rose slugs (sawfly larvae), soft brown scale, and whitefly. For use indoors, outdoors and in greenhouses; houseplants, ornamental and bedding plants, ornamental and shade trees. OMRI Certified
Lagon 480 🌲	SYS	FIELD	FIELD	1B	Dimethoate	10 L	1104400	A true systemic insecticide registered for use tree nuts, nursery, Christmas trees and ornamental crops. Some of the insects controlled include aphids, bagworms, midges, mites, scales, Thrips, lace bugs, leafminers, whiteflies, mealy bugs, grasshoppers, leafhoppers, pear psylla and tarnished plant (Lygus) bug. Lagon can also be used around homes and gardens for housefly control.
Lannate TNG 🌲	CON	FIELD	FIELD	1A	Methomyl	225 g	1104480	A contact insecticide registered for use on rights of way, woodlots, christmas trees, balsam fir and spruce for control of Spruce budworm.
Lorsban NT	CON / ING	BOTH	BOTH	1B	Chlorpyrifos	10 L	1107110	Usable on outdoor or greenhouse ornamentals, turf and filberts. Quick knockdown and residual control in a low-odour formulation. Controls insects not only by contact but also through ingestion and vapour inhalation. Controls aphids on filberts. Check list of ornamentals for control of spittlebugs, mealybugs, aphids, various mites, borers, tent caterpillars, sawfly, grasshoppers, thrips, whitefly, leafhopper, japanese beetle larvae, and various scale insects. Turf insects controlled include: ants, chinch bugs, cutworms, crane fly, sod webworms and turfgrass weevils.
Mako EC	CON / ING	BOTH	FIELD	3	Cypermethrin	1 L	1107240	A highly active synthetic pyrethroid insecticide. It works by contact and stomach action. For control of tarnished plant bug (Lygus) in conifer seedling nurseries.
Malathion 85EC	CON	BOTH	BOTH	1B	Malathion	10 L	1107400	An insecticide / miticide registered on a greenhouse & field grown ornamentals. Best results at 20°C or more. Controls aphids, mealy bugs, spider mites, scale, lace bug, leafminer, bagworms, tent caterpillar, spruce budworm, leafhopper, tarnished plant bug, sawflies and thrips.
MET 52 EC	CON	BOTH	BOTH	n/a	<i>Metarhizium anisopliae</i>	1 L	1108406	Insect pathogenic fungus <i>Metarhizium anisopliae</i> strain F52. Insects that come into contact with the fungus will become infected. The spores attach, germinate and begin to grow inside the insect, causing the insect to die. Under moderate temperatures control takes 3 to 7 days. At very cold or hot temperatures death may occur more slowly. It is also registered in turf for hairy chinch bug and tick suppression. Foliar or drenched into the soil.
Movento 240SC (+Agral 90)	SYS	BOTH	FIELD	23	Spirotetramat	2 L	1108840	A fully systemic insecticide, Movento will move through both the xylem and phloem, targeting all new growth. Targets various insects on crops such as tree nuts, Field grown Balsam fir and Fraser fir, including Christmas trees, and conifer seed orchards. insects controlled are aphids, phylloxera, whiteflies, mealy bugs, scale, balsam gall and other midges. <u>Must be tank mixed with an adjuvant.</u>
Orthene 75 SP 🌲	SYS	BOTH	BOTH	1B	Acephate	1.5 kg	1109400	A systemic insecticide that effectively controls many insects that attack flowers, ornamentals, shrubs, trees and roses (outdoors and in the greenhouse), Christmas trees, plantations, farm woodlot, nurseries and shelterbelts. Controls insects that are present and remains effective for an extended period of time because it is systemic. Insects controlled include: scale, thrips, spider mites, whitefly, mealy bug, fall webworm, leafminer, psyllids, lace bug, sawfly, aphid, tent caterpillar, leafhopper, bagworm, gypsy moth, spittlebug, rose midge, leafroller and others.
Pounce 384 EC 🌲	CON / ING	BOTH	BOTH	3	Permethrin	12 L	1200010	A synthetic pyrethroid, contact insecticide used on a variety of crops that include greenhouse and field ornamentals, deciduous and coniferous trees and shrubs plus Christmas trees. Good coverage essential for control. Insects controlled: spruce budworm, sawflies, D. Fir tussock moth, coneworm, tent caterpillar, webworms, aphids, cutworms, strawberry root weevil, whitefly, leafminer, etc.
Purespray Green Oil 13E	CON	BOTH	FIELD	n/a	Mineral Oil 99%	20 L 208 L	1205005 1205000	A highly pure dormant and summer horticultural spray oil used for the control or suppression of mealybug, whitefly, various mites and scale pests affecting ornamental shade trees, evergreens, hardy shrubs, tree nuts and other crops. Caution on some trees such as Yew. See label.
PyGanic EC 1.4 (Organic)	CON	BOTH	FIELD	3A	Pyrethrins	3.8 L	1200510	PyGanic provides rapid knockdown insect control. PyGanic is registered on roses for aphids.
Pylon	CON	CT	GH	13	Chlorfenapyr	475 ml	1200900	Pylon miticide - insecticide is registered for control of two-spotted spider mite adults, loopers, foliar nematodes and Western flower thrips on greenhouse grown non-edible ornamentals. DO NOT apply to greenhouse cut flowers. Pylon is not systemic and does not translocate throughout the plant. Moves rapidly from the top to the underside of a leaf. Translaminar.
Qualipro Imidacloprid 0.5G	SYS	FIELD	FIELD	4	Imidacloprid (neonic)	13.6 kg	1200660	For systemic control of the larvae of European Chafer, Japanese beetle and Black Turfgrass Ateanius beetle and suppression of European Cranefly (Leatherjackets) larvae in turfgrass including sod farms. Apply prior to egg hatch.
Qualipro Imidacloprid 75 WSP						180 g	1200670	

Product Name	Contact (CON) / Systemic (SYS) / Ingestion (ING)	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
INSECTICIDES (cont.)								
Safer's Soap (Organic)	CON	BOTH	BOTH	n/a	Potassium salts of fatty acids	120 L	1202900	An insecticidal soap for use on shrubs, trees and greenhouse plantings to control psyllids, rose or pear slugs, earwigs, elm leafminer, aphids, mealybugs, spider mites, whitefly and soft brown scale.
Shuttle 15 SC	CON	CT	GH	20B	Acequinocyl	1 L	1203870	A miticide for the control of Two-spotted spider mite (<i>Tetranychus urticae</i>) and Spruce spider mite (<i>Oligonychus ununguis</i>) on greenhouse and shadehouse container-grown ornamental, floral, foliage and nursery crops. Provides quick knockdown and long residual control. Not effective against rust mites. Shows efficacy on all mite life stages of susceptible mites (ovicidal, larvae and adults). Do not use on cut flowers.
Silencer 120 EC	CON/ING	FIELD	BOTH	3	Lambda-cyhalothrin	3.785 L	1203890	Photostable, synthetic pyrethroid. Fast acting stomach and contact insecticide effective against a broad spectrum of foliar pests including adult Black Vine Weevil. Use on outdoor ornamentals, tree fruits and more. Toxic to bees with direct exposure.
Sluggo Slug & Snail Bait	ING	BOTH	BOTH	n/a	Ferric phosphate	20 kg	1204680	A slug and snail bait that will not harm pets, birds or wildlife. Registered for use in outdoor ornamentals, greenhouses, outdoor container grown ornamentals, lawns and grass grown for seed. OMRI listed
Success 480 (Organic)	ING	BOTH	BOTH	5	Spinosad	1 L	1205080	An insecticide derived from the fermentation of <i>Saccharopolyspora spinosa</i> . Registered for use on turf, outdoor ornamentals and greenhouse ornamentals to control a variety of insects such as: conifer sawfly, tent caterpillar, elm / willow leaf beetles, gypsy moth, WF thrips, and sod webworm. Apply at early larval stage.
Suffoil - X	CON	BOTH	BOTH	n/a	Mineral Oil 80%	9.46 L	1202395	Highly refined horticultural oil used as an insecticide, acaricide & fungicide on Ornamentals both outdoor & GH. Total spray coverage important.
Talus (IGR)	CON	CT	GH	16	Buprofezin	500 g	1206500	Effective against the nymph stages of whiteflies by inhibiting chitin biosynthesis, suppressing oviposition of adults, and reducing viability of eggs. Treated susceptible pests may remain alive on the plant for 3-7 days, but feeding damage during this time is low. Good coverage is essential. For use on greenhouse ornamentals including ground covers, landscape plants and container-grown ornamentals. Excludes cut flowers.
Tetrasan 5 WDG	CON	CT	GH	10B	Etoxazole	453.6 g	1207440	Miticide / ovicide for greenhouse ornamentals. It controls listed tetranychid mite species in egg and nymph stages of growth. It exhibits strong translaminar movement within plant leaves.
Tristar 70 WSP 	CON	BOTH	BOTH	4	Acetamiprid (neonic)	96 g	1208000	An insecticide used on ornamental and flowering plants grown outdoors, in greenhouses, shadehouses and lath houses. Registered for use on bedding plants, flowers grown for cuttings, foliage plants, potted flowering plants, ornamental trees and non bearing fruit & nut trees. Will control aphids, European pine sawfly, tentiform leaf miner, leafhopper and whiteflies. It has contact activity for a quick knockdown as well as systemic and translaminar activity for long residual control.
Velifer	CON	GH	CT	n/a	<i>Beauveria bassiana</i> strain PPRI 5339	1 L	1209680	An oil dispersion biological insecticide / miticide for the suppression of aphids, two-spotted spider mites, thrips and whiteflies in greenhouse ornamentals. Coverage is key.
Vendex 50 WP	CON	BOTH	BOTH	12	Fenbutatin oxide	500 g	1210190	Wettable powder miticide used for controlling two spotted spider mites on ornamental plants and nursery stock grown in greenhouses and outdoors. Not highly injurious to beneficial mites and non-toxic to honey bees. <u>Add a spreader sticker for superior control.</u>
Ventigra EC	CON	BOTH	BOTH	9D	Afidopyropen	1 L	1209890	Control of aphids and whiteflies on GH and outdoor ornamentals (except conifers). Causes immediate cessation of feeding. Non-systemic so thorough coverage is essential.
Vegol®	CON	BOTH	BOTH	n/a	Canola Oil 96%	10 L	1210070	Vegol® is a broad spectrum, contact insecticide, miticide and fungicide that controls a wide variety of insects, mites, and scale and is suitable for use on flowers, corn, alfalfa, hops, small fruits, greenhouse and field vegetables, houseplants, and trees (fruit, nut, ornamental and shade), grapes and kiwi and cannabis grown indoors. A dormant and growing season spray. Kills aphids, adelgids, mealybugs, mites, scale, grape phylloxera, oak phylloxera, psyllids (including pear psylla), whitefly, and suppresses powdery mildew.
Versys DC	CON	BOTH	BOTH	9D	Afidopyropen	405 mL	1210290	Control of aphids and whiteflies on GH and outdoor ornamentals (except conifers), hazelnuts and tree fruits. Causes immediate cessation of feeding. Non-systemic so thorough coverage is essential.

Product Name	Contact (CON) / Systemic (SYS) /	Mode of Action	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
FUNGICIDES									
Actinovate SP	CON	Suppression	BOTH	BOTH	n/a	<i>Streptomyces lydicus</i> strain WYEC 108	510 g	1000450	For the suppression of: powdery mildew (<i>Erysiphe cichoracearum</i>) on field and greenhouse Gerber Daisy, Fusarium wilt on cyclamen, Pythium root rot on petunia, Rhizoctonia root and crown rot on geranium and powdery mildew on verbena.
Affirm WDG	CON	Prevention	BOTH	FIELD	19	Polyoxin D Zinc Salt	1.09 kg	1000510	Suppression of Botrytis Blight, Grey Mould (<i>Botrytis cinerea</i>) on outdoor grown ornamentals. Thorough coverage of foliage (and flowers when present) with minimal run-off. Use preventatively. Not for use in GH. Also registered on professional turf for various diseases.
AgroTek Ascend	CON	Control	CT	GH	n/a	Sulphur 99.9%	22.68 kg	1000940	AgroTek Ascend is vaporized sulphur for the control of powdery mildew in greenhouse crops, both vegetables and ornamentals.
Aliette WDG	SYS	Control / Suppression	BOTH	BOTH	33	Fosetyl AL	2.26 kg	1001110	A systemic fungicide used preventatively for control of phytophthora (<i>P. ramorum</i>) and pythium in greenhouse container and field grown ornamentals (including conifers) and bedding plants. See label for other crops.
Banner Maxx 	SYS	Control / Prevention	FIELD	FIELD	3	Propiconazole	3.78L	1003000	A broad spectrum foliar fungicide with systemic properties. For control of certain diseases in golf course turf, nursery crops, Christmas trees including outdoor ornamental maples, dogwood, crabapple, non-bearing apple, pyracantha, roses, azalea and rhododendron. DISEASES ON LABEL: Anthracnose, Apple scab, Powdery Mildew, Black Spot and Tar Spot. . Christmas Trees - Rhizosphaera needle cast on spruce and fir. Stigmima needle cast on spruce Lirula needle cast on balsam fir. Tank mixable with Daconil.
Basamid 98G	Fumigant	Control	FIELD	FIELD	27	Dazomet	20 kg	1003500	Granular soil fumigant / disinfectant used to control soil borne nematodes, soil fungi, bacteria, insects and germinating weed seeds on open land, nurseries and greenhouses. Must be spread evenly over the soil surface and incorporated into adequately cultivated moist soil to the desired fumigation depth. Half-life of Dazomet in moist aerobic soil is less than 24 hours. The end products of degradation are bicarbonate, nitrate and sulphate, which can be considered as plant nutrients.
Captan Supra 80 WDG	CON	Control / Prevention	BOTH	BOTH	M	Captan	5 kg	1005030	Use as a soil treatment for damping-off and fungus root rot diseases of seedlings or transplants of roses and other shrubs, trees, flowers such as: Camellia, Carnation, Chrysanthemum, Aster, Dahlia, Lilac, Rose, Tulip, Azalea, Begonia (tuberous), Daffodil, Gladiolus, Iris and Narcissus.
Confine Extra	CON	Prevention	BOTH	BOTH	33	Mono- and di-potassium salts of phosphorus acid (phosphite)	9.46 L	1005530	Foliar or drench applications on ornamentals including bedding plants, potted plants and cut flowers for prevention of Phytophthora root rot and foliar blight (<i>Phytophthora</i> spp., except <i>P. ramorum</i> , <i>P. cryptogea</i>) and downy mildew. Take care with tank mixes containing pesticide products with a metal base (such as copper based fungicides) and/or micronutrients that may not be compatible as Confine may increase the uptake of certain metals into plants.
Compass 50 WG	CON	Prevention	BOTH	BOTH	11	Trifloxystrobin	454 g	1005540	A preventative fungicide used for foliar, stem and root diseases on turfgrass and ornamentals. For use as a foliar spray to control Boxwood Blight on greenhouse and outdoor-grown boxwood in BC. Not for use in Residential plantings of boxwood. Rotate with Medallion to reduce the risk of fungal resistance. Translaminar movement.
Copper Oxychloride 	CON	Prevention	BOTH	BOTH	M2	Copper Oxychloride	4 kg	1005753	A preventative fungicide for use on cottoneaster, crabapple, hawthorn, mountain ash, quince (for Fireblight) and Arbovitae, cedar, fir, juniper, pine, spruce (For Leafblight, Needlecast, Tipblight, Twigblight). Fireblight may be spread by insects such as aphids and leafhoppers. Diseased twigs which appear to have been "scorched", must be cut off at 15 cm below the infected part and burned; disinfect pruning shears after each cut.
							25 kg	1005750	
Cueva	CON	Control	BOTH	BOTH	M1	Copper octanoate	10 L	1005958	Cueva, a dormant and growing season liquid copper fungicide, controls many plant diseases using low concentrations of copper. It is biodegradable and decomposes to a form useful to plants and microbes. Usable on greenhouse and outdoor ornamental shrubs and flowering plants (such as rose, hollyhock, hydrangea, crape myrtle).
Cyclone	CON	Control	CT	GH	n/a	Citric Acid & Lactic Acid	10 L	1006190	Cyclone is a fungicide / bactericide registered for suppression of powdery mildew and black spot on greenhouse roses and suppression of powdery mildew on greenhouse ornamentals including cut flowers. Cyclone suppresses bacteria and has bactericidal properties. Suppresses fungal growth including the germination of spores (conidia).

Crop protection products highlighted in brown shading are allowed in organic production.

Product Name	Contact (CON) / Systemic (SYS) /	Mode of Action	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
FUNGICIDES (cont.)									
Daconil 2787 WeatherStik 	CON	Prevention / Control	BOTH	BOTH	M	Chlorothalonil	10 L	1006700	A broad spectrum turf and ornamental liquid fungicide. Daconil can be used on golf course fairways, tees and greens and on ornamental grasses, herbs, broadleaf shrubs and trees including conifers, bulbs & flowering plants, & foliage plants.
Daconil ULTREX 							2.27 kg	1006710	DISEASES ON LABEL: CONIFERS: Scleroderris Canker (pines), Swiss Needlecast and Rhabdocline, Needlecast (Douglas fir), Sirococcus Tip Blight, Rhizosphaera Needlecast (spruces), Scirrhia brown spot (pines), Lophodermium Needlecast, Botrytis seedling blight, Phoma twig blight. Other Diseases: Phytophthora spp., Cercospora, Alternaria, Anthracnose, Black Spot, Botrytis, Fusarium, Rust, Septoria, P. Mildew, Volutella, and other leaf and twig blights, spots and dieback pathogens.
Decree	CON	Prevention / Control	CT	BOTH	17	Fenhexamid	500 g	1007050	A protectant fungicide to control Botrytis (grey mold) on greenhouse and outdoor grown ornamentals. Use on ornamentals such as African Violet, Geranium, Petunia, Poinsettia and Rose.
Dithane DG (Rainshield)	CON	Prevention / Control	BOTH	FIELD	M3	Mancozeb	20 kg	1008720	Dithane fungicide is used to control late blight, botrytis leaf blight, leaf spot, downy mildew, Anthracnose, scab, Alternaria, and Keithia blight on ornamentals and conifers (Junipers, Arborvitae, Douglas Fir, Ash, Oak, Sycamore, Hawthorn, Holly, Ivy, Pine, Honeysuckle.) Diseases on label: Scleroderris Canker (pines), Swiss Needlecast and Rhabdocline, Needlecast (Douglas fir), Sirococcus Tip Blight, Rhizosphaera Needlecast (spruces), Scirrhia brown spot (pines), Lophodermium Needlecast, Botrytis seedling blight and Phoma twig blight. Incompatible with Kopa Soap and sulphur applications.
Diplomat 5SC	CON	Prevention / Suppression	BOTH	FIELD	19	Polyoxin Zinc-D Salt	5 L	1008770	For GH Ornamentals. Contact foliar spray (OK w/ flowers present). Use preventatively for botrytis blight and grey mould suppression. 3 applics max / season. GH use only. See Affirm for FIELD use.
Echo 720 	CON	Prevention / Control	BOTH	FIELD	M	Chlorothalonil	9.46 L	1100250	A contact fungicide that provides broad-spectrum disease protection with a multi-site mode of action with exceptional residual action and is very stable on plant surfaces. It does not require a surfactant and comes with DuraShield™ technology for rainfastness. For use on Conifers to prevent and control needle casts. Scleroderris canker (pines), Swiss needlecast, Rhabdocline needlecast (Douglas-fir) / Sirococcus Tip Blight / Rhizosphaera needlecast (spruces), Scirrhia brown spot (pines).
Echo 90DF 							10 kg	1100255	
Forum (ALTERNATIVE FOR ACROBAT)	CON	Prevention	CT	BOTH	40	Dimethomorph	4.5L	1101860	Forum Fungicide has protectant, systemic and anti-sporulant activity against labeled diseases on labeled crops. For Downy mildew (spps) and P. Ramorum (SOD) on outdoor grown ornamentals, herbaceous perennials and annual plants. GH ornamentals include: Azalea, begonia, chrysanthemum, cordyline, dianthus, dieffenbachia, ficus, geranium, gerbera, iberus (candy-tuft), impatiens, lisianthus, pansy, periwinkle, Persian violet, phlox, primula, rose (hybrid tea, miniature), spathiphyllum, stock and verbena. DO NOT Apply to GH Cut Flowers.
Funginex DC	CON	Control	BOTH	FIELD	3	Triforine	5 L	1102050	A contact fungicide for control of powdery mildew and black spot on roses and ornamentals. DO NOT use in greenhouses.
Green Clean (GC) Pro WP & G	BOTH	Prevention / Control	BOTH	BOTH	n/a	Sodium Carbonate Peroxyhydrate	50 lbs	3582640	Treats a broad spectrum of algae types, including filamentous and planktonic blue-green algae. Also used for: odor treatment for livestock bedding, lagoon / manure pits, a degreaser, as a disinfectant, algacide- fungicide for surfaces, equipment and structures and used in boot baths and mats. Can be sprayed using the WP version or broadcast as the granular (coated) version. Powerful oxidation reaction provides additional efficacy against a wide range of general bacterial, algae and fungal pathogens. Activated with water. WP version comparable to TerraCyte Pro.
Maestro 80DF	CON	Prevention / Control	BOTH	BOTH	M	Captan	10 kg	1107220	Soil drench for damping-off and fungus root rot diseases of seedlings or transplants of roses and other shrubs, trees, flowers such as: Camellia, Carnation, Chrysanthemum, Aster, Dahlia, Lilac, Rose, Tulip, Azalea, Begonia (tuberous), Daffodil.
Heritage Maxx	SYS	Prevention / Curative	BOTH	BOTH	11	Azoxystrobin	3.78 L	1003040	A broad spectrum, preventative fungicide with systemic and curative properties recommended for the control of many diseases on turf and outdoor & GH ornamentals. DISEASES ON LABEL: Alternaria Leaf Spot, Anthracnose, Botrytis Blight and Grey Mould, Cercospora Leaf Spot, Downy Mildew, Powdery Mildew, Rust, Pythium Root Rot caused by Pythium spp., Rhizoctonia Root, Crown and Stem Rots caused by <i>Rhizoctonia solani</i> .

Crop protection products highlighted in brown shading are allowed in organic production.

Product Name	Contact (CON) / Systemic (SYS) /	Mode of Action	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
FUNGICIDES (cont.)									
Manzate Pro-Stick DF 	CON	Prevention / Control	FIELD	FIELD	M3	Mancozeb	20 kg	1107610	A multi-site protectant fungicide recommended for control of many plant diseases on arborvitae, juniper, douglas fir, ash, oak, sycamore, pine, hawthorn, holly and ivy. DISEASES ON LABEL: Arborvitae, juniper, douglas fir: Coryneum blight, Keithia blight, Dieback, Rhabdochloa needle cast; ash, oak, sycamore: Anthracnose; pine: Lophodermium needle cast. Not for use on ornamental trees or in ornamental nurseries. Incompatible with Kopa soap or sulphur applications.
Medallion	CON	Prevention / Control	BOTH	BOTH	12	Fludioxonil	3.78 L	1108190	For control and suppression of diseases in outdoor and greenhouse ornamentals. DISEASES ON LABEL: Rhizoctonia stem rot and aerial blight, Fusarium wilt - suppression only Black root rot, Alternaria leaf spot, Rhizoctonia stem rot and aerial blight, Botrytis blight/grey mould, Boxwood blight.
Milstop	CON	Control / Suppression	BOTH	BOTH	n/a	Potassium Bicarbonate	2.27 kg	1246480	MilStop Foliar Fungicide is a contact fungicide for control/suppression of Powdery Mildew on Greenhouse Ornamental Crops, Outdoor Bedding Plants (including, but not limited to, African Daisy, Poinsettia, Hydrangea, Phlox, Rose, Bee Balm, Flowering Dogwood), Cannabis (marijuana) that is produced commercially indoors, Hops, Greenhouse and Field Herbs and Spices. Organic (OMRI & EcoCert)
							11.35 kg	1246481	
Mycostop	CON	Prevention / Suppression	CT	GH	n/a	Streptomyces griseoviridis strain K61	10 g	1108850	Used for the suppression of damping-off, root and crown rot, pythium, phytophthora and wilt caused by Fusarium on greenhouse ornamentals. Shown to be safe on common ornamentals however it is not possible to test all cultivars and some may show delayed germination or growth. Organic (EcoCert)
							100 g	1108860	
Nova 40 WP	SYS	Prevention / Curative	BOTH	BOTH	3	Myclobutanil	560 g	1108950	Outdoor ornamental trees & shrubs: pear (flowering), crab apple, (flowering), privet, dogwood, euonymus, hawthorn, juniper (flowering & non-flowering), honeysuckle, lilac, crab-apple (flowering); nursery crops: ash, amelanchier, Outdoor ornamental roses, Outdoor ornamental flowers, shrubs: iris, roses, hollyhock, phlox, Greenhouse (potted) roses, gerbera, aster, chrysanthemums, geraniums, poinsettias, Greenhouse (cut) roses, gerbera, aster, chrysanthemums, geraniums, Nursery (potted) roses, gerbera, aster, chrysanthemums, Nursery (cut) roses, gerbera, aster, chrysanthemums. DISEASES ON LABEL: For control of various rusts, powdery mildew, scab, anthracnose and septoria leaf spot, black spot.
Palladium	CONT	Control / Suppression	FIELD	FIELD	9 & 12	Cyprodinil & Fludioxonil	907g	1109560	For use on outdoor ornamentals (except roses) DISEASES ON LABEL: Suppression - powdery mildew caused by Sawadzea sp. and Erysiphe cichoracearum
Phostrol	SYS	Prevention	BOTH	BOTH	33	Mono and di-basic sodium, potassium and ammonium phosphites	10 L	1110690	Outdoor and greenhouse ornamentals and cut flowers. Phostrol provides effective preventative protection. It is fully systemic, moving throughout both the xylem and phloem. DISEASES ON LABEL: Suppression of Phytophthora Root rot. Can tank mix with Ridomil, Branvo, Dithane and Manzate.
Phyton 27 (Bactericide & Fungicide)	CON	Prevention \ Control	CT	GH	M	Copper	1L	1110780	A bactericide and fungicide used on greenhouse ornamentals as a foliar spray, soil drench and as a dip for cut flowers. On label: azalea, begonia, cyclamen, dianthus, dusty miller, fuchsia, geranium, gerbera, hibiscus, hydrangea, kalanchoe, monarda, new guinea impatiens, phlox, primula, roses, mini roses, poinsettia, spathiphyllum, verbena, outdoor roses, dogwood, and cut flowers (alstromeria, freesia, rose, sweet pea). DISEASES ON LABEL: Cylindrocladium, Powdery Mildew, Botrytis cinerea, Erwinia soft rot, Heterosporium echinulatum, Alternaria leaf spot, Xanthomonas campestris, scab, black spot, Rhizoctonia Root Rot.
IPCO Pivot 418 EC	SYS	Prevention	FIELD	FIELD	3	Propiconazole	4.8 L	1110792	Western red cedar. DISEASES ON LABEL: Keithia blight
Posterity	CON	Prevention	BOTH	BOTH	7	Pydiflumetofen	3.1 L	1111890	Best used preventatively for disease control (powdery mildew and botrytis) on outdoor and greenhouse ornamentals including cut flowers (excluding conifers).
Presidio	SYS	Protective / Curative / Eradicative / Antisporulant	BOTH	BOTH	43	Fluopicolide	946 mL	1200050	Presidio fungicide is the only Group 43 Fungicide currently on the market. It is locally systemic with protective, curative, eradicated and antisporulant activity. It is effective for the control or suppression of several downy mildews and Phytophthora spp. Registered crops include outdoor grown container and field ornamentals. DISEASES ON LABEL: Field - Downy mildew, Phytophthora crown and root rot (suppression), Greenhouse - Downy Mildew and Plasmopara spp.

Product Name	Contact (CON) / Systemic (SYS) /	Mode of Action	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
FUNGICIDES (cont)									
Prestop	CON	Prevention	CT	GH		<i>Gliocadium catenulatum</i>	1 kg	1200100	Biological fungicide for the suppression of soil borne and foliar diseases on greenhouse herbs and greenhouse ornamentals. Prestop can be applied as a media incorporation, media drench and foliar spray. DISEASES ON LABEL: Suppresses the damping-off caused by Pythium sp. and Rhizoctonia solani, and grey mould caused by Botrytis cinerea on the following herbs: oregano, basil, parsley, thyme and dill, as well as root and stem wilt disease caused , and by Fusarium oxysporum on basil. It will suppress damping-off caused by Pythium sp. and Rhizoctonia solani, root and basal stem rot caused by Phytophthora cryptogea, and grey mould caused by Botrytis cinerea on the following bedding plants: alyssum, geranium, pansy, petunia, salvia, snapdragon and tagetes; as well as on potted poinsettia and saintpaulia. Organic (OMRI)
Previcur N	SYS	Prevention	CT	GH	28	Propamocarb hydrochloride	1 L	1200180	A protectant fungicide used to control Pythium and Phytophthora diseases of outdoor grown and greenhouse ornamentals drench applications: Azalea, Rhododendron, Holly, Geranium, Poinsettia, African Violet, Gerbera, Cyclamen, and Snapdragon. Limited systematic.
Pristine WG	CON	Control	BOTH	BOTH	7 & 11	Boscalid & Pyraclostrobin	2.83 kg	1200360	Broad spectrum fungicide for use in greenhouse-grown bedding plants and outdoor grown ornamentals. (crabapple, ornamental pear, serviceberry). DO NOT expose wintercreeper (Euonymus radicans vegetus) and ninebark (Physocarpus Opulifolius) to spray or drift containing PRISTINE WG fungicide as injury may result. Be cautious when applying PRISTINE WG fungicide to impatiens (Impatiens spp.) and petunia (Petunia spp.) during flowering as discolouration may occur. Do not use on cut flowers. DISEASES ON LABEL: Apple scab, Pear-trellis rust (Gymnosporangium fuscum), Gymnosporangium rust (Gymnosporangium nelsonii), Powdery mildew (Erysiphe cichoracearum and Erysiphe polygoni)
PureSpray Green Oil 13E	CON	Control	BOTH	FIELD	n/a		10 L	1205005	A highly pure dormant and summer horticultural spray oil used for the control or suppression of listed insect, mite and scale pests and the suppression of powdery mildew. Use on multiple crops including outdoor grown ornamentals. OMRI Listed
Qualipro Chlorothalonil 720F	CON	Control	BOTH	BOTH	M	Chlorothalonil	7 L	1200680	For control of a broad spectrum of diseases in ornamental turfgrass and ornamental herbs, shrubs and trees (including conifers). Diseases on label: Cercospora, Cylindrosporium, Phytophthora spp, Anthracnose, Scab, Rust, Septoria, Rhizoctonia, Botrytis, Black spot, Powdery mildew, Fusarium, Volutella, various needlecasts, and others.
Ranman 400 SC	SYS	Protective / Control	BOTH	BOTH	21	Cyazofamid	3.789 L	1201030	For control of root and crown rot diseases of ornamentals and green house cut flowers, including conifers, grown in containers in greenhouses, outdoor container and field nurseries and landscapes. Also for field-grown nursery plants. For suppression of Phytophthora on rhododendrons and junipers. (Drench, soil application and foliar sprays) and downy mildew (Peronospora spp.) Limited systemic.
Regalia Maxx	CON	Protective / Suppressant	BOTH	BOTH	n/a	Extract of <i>Reynoutria sachalinensis</i>	5 L	1201015	Regalia® Maxx Biofungicide Liquid Concentrate can be used to suppress powdery mildew of container, bench, flat, plug, bed, or field-grown ornamentals in greenhouses, shade-houses, outdoor nurseries, retail nurseries, and other landscape areas. Not all ornamental species have been tested for tolerance. Also for hazelnuts. Organic (OMRI) DISEASES ON LABEL: Suppression of powdery mildew, Oidium spp., Suppression of downy mildew, Plasmopora spp. and Peronospora spp. Partial suppression of foliar bacterial diseases, Xanthomonas spp. and Pseudomonas spp. Do not use adjuvants.
Rhapsody ASO	CON	Prevention / Suppression	BOTH	BOTH	n/a	<i>Bacillus subtilis</i> strain QST 713	9.46 L	1201140	Rhapsody ASO is a broad spectrum, preventative biofungicide for the suppression of many ornamental, crop, herb, turf and lawn diseases. It may be applied as a foliar spray or applied to greenhouse and outdoor ornamentals as a soil drench. DISEASES ON LABEL: Botrytis gray mould and blight; White mould, Rhizoctonia, Pythium, Phytophthora, Powdery mildew, Leaf spot, Anthracnose, Black spot. (OMRI)
Rootshield G	CON	Prevention / Exclusion	CT	BOTH	n/a	<i>Trichoderma harzianum</i> , Strain T-22	18 kg	1202300	The active ingredient <i>Trichoderma harzianum</i> , strain T-22, grows on the plant's root system to protect the roots from Pythium, Rhizoctonia & Fusarium. It is a biological fungicide for the suppression of root diseases in greenhouse and outdoor nursery crops and ornamental crops. (OMRI)

Product Name	Contact (CON) / Systemic (SYS) /	Mode of Action	Container (CT) / Field	Greenhouse (GH) / Field	Chemical Group	Active Ingredient	Unit Size	SKU	Information
FUNGICIDES (cont.)									
Rootshield Plus WP	CON	Prevention / Exclusion	CT	BOTH	n/a	<i>Trichoderma harzianum</i> T-22 & <i>Trichoderma virens</i> G-414	1.36 kg	1202380	RootShield Plus WP Biological Fungicide contains two active ingredients (<i>Trichoderma harzianum</i> strain T-22 and <i>Trichoderma virens</i> strain G-414). It provides suppression of root diseases including those caused by soilborne <i>Phytophthora</i> spp. . It can be used on outdoor container-grown nursery stock and is applied as a drench to the potting mix or flats and pots. Organic. (OMRI)
							13.6 kg	1202385	
Rootshield WP	CON	Prevention / Exclusion	CT	BOTH	n/a	<i>Trichoderma harzianum</i> , <i>Rifai Strain T22 (KRL-AG2)</i>	0.453 kg	1202250	Bio-fungicide for suppression of the pathogens <i>Pythium</i> , <i>Rhizoctonia</i> , and <i>Fusarium</i> when applied as a drench to potting mixes or soil. Within 24 hours RootShield WP blocks and actively attacks pathogens. One application protects roots for up to 12 weeks. RootShield can also be applied as a foliar spray to strawberries, tomatoes, ornamentals, lettuce and cannabis for suppression of botrytis. (ORMI & EcoCert)
							1.36kg	1202240	
							13.6kg	1202260	
Rovral WP	CON	Prevention / Control	BOTH	BOTH	2	Iprodione	1 L	1202200	For disease control and suppression on turf (dollar spot, brown patch, leaf spot, melting out, grey and pink snow mould, many ornamentals (plant list on label - botrytis and rhizoctonia) as well as conifer seedlings (spruce, fir, hemlock & cedar – botrytis blight). Must be alternated with other fungicides.
Senator 50 SC	SYS	Control	CT	BOTH	1	Thiophanate - methyl	10 L	1202935	Systemic control of diseases on roses & outdoor ornamentals - Black Spot of Roses and Powdery Mildew, Greenhouse Potted Ornamentals - Powdery mildew, Botrytis blight /grey mold and leaf spot, Stem, Crown and Root Rots caused by <i>Fusarium</i> and <i>Rhizoctonia</i> . Senator 50 SC does not control <i>Pythium</i> or <i>Phytophthora</i> .
Serifel	CON	Prevention	BOTH	BOTH	44	<i>Bacillus amylolique-faciens</i> strain MBI 600	2 kg	1203250	A biological fungicide for the suppression of botrytis, powdery mildew, as well as damping-off and root diseases caused by <i>Fusarium</i> spp., <i>Rhizoctonia solani</i> and <i>Pythium</i> spp. on greenhouse ornamentals. Apply as a foliar spray or mixed in plant growing media such as potting soil, peat moss or peat based mixtures for greenhouse use. Suitable for organic use.
Subdue Maxx	SYS	Protective	BOTH	BOTH	4	Metalaxyl-M & S-Isomer	1 L	1003020	A systemic fungicide used on ornamental plants grown in nurseries, conifers grown in nurseries, golf course turf and sod production. Subdue maxx provides protection from <i>Pythium</i> and <i>Phytophthora</i> . Subdue Maxx is also registered for Sudden Oak Death (<i>P. Ramorum</i>) in greenhouse, container and field grown ornamentals and conifers in nursery and landscape plantings.
Suffoil-X	CON	Control	BOTH	BOTH	n/a	Mineral Oil 80%	9.46 L	1202395	Registered for GH & outdoor ornamentals either in container or field grown, plus GH cut flowers. Soil or foliar. Diseases include: phytophthora spp., crown & root rots, downy mildew spp., pythium spp., foliar blight and white rust.
Tilt 250 EC	SYS	Control	FIELD	FIELD	3	Propiconazole	8 L	1207640	A broad spectrum systemic fungicide for control of a wide range of diseases on certain crops. Keithia blight control on western red cedar.
Topas 250 EC	SYS	Control	FIELD	FIELD	3	Propiconazole	2 L	1207740	A broad spectrum systemic fungicide for control of a wide range of diseases on certain crops. Keithia blight control on western red cedar.
Torrent 400 SC	SYS	Protective/Suppression	BOTH	BOTH	21	Cyazofamid	1 L	1207810	Registered for GH & outdoor ornamentals either in container or field grown, plus GH cut flowers. Soil or foliar. Diseases include: phytophthora spp., crown & root rots, downy mildew spp., pythium spp., foliar blight and white rust. Limited systemic.
Truban 25 EC	CON	Control	BOTH	BOTH	14	Etridiazole	946 mL	1208500	For control of damping-off, root and stem rot diseases caused by <i>Pythium</i> and <i>Phytophthora</i> in ornamental and nursery plants. It may be used at time of seeding and transplanting as a drench for control of these problem fungi in greenhouses and outdoors. Use on bedding plants and container & bedgrown ornamentals and nursery crops.
Vegol (Organic)	CON	Control	BOTH	BOTH	n/a	Canola Oil	10 L	1210070	Vegol® is a broad spectrum, contact insecticide, miticide and fungicide that controls a wide variety of insects, mites, and scale and is suitable for use on flowers, hops, houseplants, and trees (fruit, nut, ornamental and shade), and medicinal plants. A dormant and growing season spray. Kills aphids, adelgids, mealybugs, mites, scale, grape phylloxera, oak phylloxera, psyllids (including pear psylla), whitefly, and suppresses powdery mildew.
Zerotol	CON	Prevention Control Curative	BOTH	BOTH	n/a	Hydrogen Peroxyde	9.46 L	1200470	Algaecide and Fungicide for hard surface sanitation, water treatment, and broad spectrum disease control in all phases of growing. Used as a drench or over the tops of ornamental plants in greenhouses and field nurseries for control and suppression of a broad spectrum of bacterial and fungal plant diseases. For bedding plants, flowering plants, woody & herbaceous ornamentals, nursery stock, trees, turf, cut flowers, bulbs, cuttings, seedlings, seeds and seedbeds and medicinal plants. Curative and preventative. Can be tank mixed with many other chemistries. OMRI
							208 L	1211475	

Crop protection products highlighted in brown shading are allowed in organic production.

SKU	Product	Size
SPRAY AIDS		
3583650	On Target	1 L
3582800	Halt Anti-Foaming Agent	140 mL
3580220	Foam Field Marker	1 gallon
3580955	Fogger Carrier Concentrate	4 L
3583450	Spray Tank Cleaner	1 L
3580541	Mark-It Blue	2.5 USG

SKU	Product	Unit	Group	Active Ingredient
PLANT GROWTH REGULATORS				
1002000	A-Rest	4 L	n/a	ancymidol
1002900	B-Nine	500 g	n/a	daminozide
1002910		10 kg		
1004250	Bonzi	2 L	n/a	paclobutrazol
1005545	Configure	2 L	n/a	6-benzylaminopurine
1006020	Cycocel	1 L	n/a	chlormequat chloride
1006010		10 L		
1101480	Florel	1 L	n/a	ethephon
1200430	Promalin	500 mL	n/a	bensyladenine 1.8% and gibberellins A ₁ , 1.8%
1206200	Sumagic	4 L	n/a	uniconazole-P

SKU	Product	Unit	Group	Active Ingredient
FUMIGANTS				
1003500	Basamid 98G	20 kg	27	dazomet
CROP PROTECTANT				
1205190	Surround WP	12.5 L	n/a	kaolin clay
3580760	Antistress 550	9.5 L	n/a	acrylic polymers
3580760		205 L		
3583900	Aqua-Gro 2000 L	10 L	n/a	ehoxydated alkyl phenols & fatty acid esters

SKU	Product	Unit	Group	Active Ingredient
BIRD CONTROL				
1108580	Migrate Rejex-It	9.46 L	n/a	methyl anthranilate
8248800	Bird Scare Reflective Tape			

SKU	Product	Unit	Group	Active Ingredient
RODENT CONTROL				
1200839	Groundforce Pellets	10 kg	n/a	chlorophacinone
1200850	Hombre Pellets	10 kg	n/a	difethialon
1200880	Hombre All Weather Blocks	10 kg	n/a	difethialone
1200890		5 kg	n/a	
1200930	Waxed Pellets	20 kg	n/a	zinc phosphide
1200985	Ramik Brown	20 kg	n/a	diphacinone
1200987	Ramik Green	10 kg	n/a	diphacinone
1200995	Ratak All Weather Blocks	40 x 20 g	n/a	brodifacoum
1201005	Ratak Pellets	8 x 50 g	n/a	brodifacoum
8340012	Rat Bait Station, flat top			
8340000	Rat Bait Station, round top			

SKU	Product	Unit	Group	Active Ingredient
ADJUVANTS				
3582210	Fighter-F Antifoamer	946 mL	2	-
1103380	Intake	10 L	n/a	paraffinic oil + alkoxylated
1205160	Superspreader	3.78 L	n/a	octylphenoxypolyethoxy ethanol
3588110	Uptake Soil Wetting Agent	18.9 L		didecyl dimethyl ammonium chloride
3583990	Infiltrate Soil Conditioner	10 L	n/a	-
3583001	Li 700	10 L	n/a	-

SKU	Product	Unit	Group	Active Ingredient
SURFACTANTS				
1000830	Agral 90	10 L	n/a	noylphenoxy/polyethoxy ethanol
1002400	Assist	10 L	n/a	paraffin base mineral oil
1100470	Enhance	10 L	n/a	triglyceride/ethoxylate 1Q POE
1105060	Liberate	10 L	n/a	lecithin, methylesters of fatty acids + alcoholethoxylate
1108160	Merge (for use with Poast)	8.1 L	n/a	petroleum hydrocarbons
1206480	Xiameter OFX-309	4 L	n/a	siloxylated polyether

SKU	Product	Size
CLEANERS & DISINFECTANTS		
3583450	Tank Cleaner	1 L
3588130	Strip-It Pro Glass Cleaner	18.9 L
3588000	Virkon Disinfectant	5 kg
3580650	Advance Bleach Disinfectant	20 L
3588120	KleenGrow Pesticide/Disinfectant	18.9 L
3588060	Biosentry 904 Disinfectant	18.9 L
3425140	Sanidate 5.0 Disinfectant	5 USG
3425160		55 USG
3582630	GC Acid Cleaner Greenhouse Cleaner	18.9 L
3582640	GC Pro Oxidizer Treatment WP	50 lbs
3582650	GC Pro Oxidizer Treatment G Coated	50 lbs

SUBSTRATES

Product	Code	Description	Size
SUNSHINE MIXES			
# 1 Complete Mix All Purpose	3236220	Contains Canadian Sphagnum peat moss, perlite, major and minor nutrients, gypsum, dolomitic limestone and wetting agents.	3.8 cu.ft.
	3236240		55 cu.ft.
# 1 Complete Mix Organic**	3236225	Organic	3.8 cu.ft.
	3236223	Organic	60 cu.ft.
# 2 Basic Mix	3236260	Same as # 1 Mix, but without addition of nutrients.	3.8 cu.ft.
# 2 Basic Mix Organic**	3236265	Organic	3.8 cu.ft.
# 3 Germinating Mix	3236320	Germination mix for less frequent watering. Protects seedlings and plugs. Contains a long-lasting wetting agent.	3.8 cu.ft.
	3236340		55 cu.ft.
# 3 Professional Mix Organic**	3236321	Organic	3.8 cu.ft.
# 4 Aggregate Mix	3236370	Recommended where high air capacity and fast drainage are needed, during winter months, or where frequent leaching is required.	3.8 cu.ft.
	3236380		60 cu.ft.
	3236360	Tower Bale	100 cu.ft.
	3236385	Tower Bale plus Rootshield - Special Order Item	110 cu.ft.
# 4 Aggregate Mix Organic**	3236540	Organic	3.8 cu.ft.
# 5 Germination Plug Mix with Perlite	3236420	Promotes better root development.	3.8 cu.ft.
# 5 Germination Plug Mix Organic**	3236425	Organic	3.8 cu.ft.
RICHGROW SELECT			
RichGrow Select Professional Grade Peatmoss	3234230	Excellent fibrous structure with no dusty fines. Forestry grade medium.	3.8 cu.ft.

Products marked with two asterisks (**) are organic.

Ask about our direct ship full truckload program. The organic versions of Sunshine Mix are OMRI listed.

Product	Code	Description	Size
COCO BLOCKS			
RichGROW Coco Block	3229050	Coco block, washed, 100% fine peat	Skid of 240 x 5 kg*
	3229040	Coco block, washed, 60% chip / 40% peat	Skid of 220 x 5 kg*
	3229070	Coco block, washed, 100% chips	Skid of 200 x 5 kg*
COCO PROPAGATION MIXES			
RichGROW Potting Mix 600	3229660	Holds more moisture. Smaller chips to fit into smaller pots and plugs.	Skid of 220 x 5 kg
RichGROW Potting Mix 800	3229670	Holds less moisture. Smaller chips to fit into smaller pots and plugs.	Skid of 220 x 5 kg

Coco Blocks can be ordered as either washed (<0.5 EC) or unwashed (<EC 2.0), in combinations of textures comprised of a range of fine through to coarse chips, produced from different components of the coconut husk and fibrous coir. *Blocks can also be ordered singly by the individually wrapped 5 kg block.

All Potting Mixes are washed (<0.5 EC) and produced from different components of the coconut husk and fibrous coir. Potting mixes have finer chips better suited to smaller pot sizes. Designed to use less or no perlite in the mix. Propagation mixes only available by full pallets.

Product	Code	Description	Size
COCO IN BAGS			
Coco Grow Xtreme Buffer	3233155	Loose fill, ready to use (See details below)	50 lbs bag

Coco Grow Xtreme Buffer distributed by TerraLink Horticulture and manufactured by Go Green Coco Fiber, is a premium coconut coir from Sri Lanka with ultra-low EC and free of harmful viruses or soil diseases. 100% natural coco coir is washed and buffered with calcium nitrate for optimum results. Coco Grow Xtreme Buffer has an excellent water / air ratio that provides ideal growing conditions and is professionally processed to retain anti-fungal and anti-pathogen benefits that suppress Pythium root rot and other organisms that are harmful to healthy roots. Coco Grow Xtreme Buffer 50L loose fill is ready to use, just fill your containers and plant.

COCO COIR BENEFITS

Coco coir drains well, re-hydrates easily, and dries out on top so you have fewer problems with fungus gnats. Roots establish extremely fast in this optimized media.

Coco Grow Xtreme Buffer coir is 100% natural and sustainable.

Product	Code	Description	Items per case
RIOCOCO			
Riococo Grow Bags	3233160	15x15x15 cm open top, 1 gallon	44
	3233161	22 x 18 x 18 cm open top, 2 gallon	18
	3233162	25 x 20 x 23 cm open top, 3 gallon	9
Riococo Starter Blocks	3233163	10 x 10 cm starter blocks	275
Riococo Starter Plugs	3233164	32 mm starter plugs	2500

Riococo Coconut Media is a high-quality, washed and fully buffered coco media. Dust-screened out, high aeration, EC less than 0.7 MS. Easy to wet, 100% biodegradable, organic and a renewable resource. (OMRI)

SAFETY GEAR

Respirators & Cartridges



We stock half-face masks, full face masks, dust masks, as well as cartridges and filters for all sizes and respirators, plus assorted replacement parts.

Product	Size	SKU
North Respirator, Half Face	small	8435494
	medium	8435495
	large	8435494
North Respirator, Full Face	small	8435482
	medium	8435493
	large	8435492
Cartridge, Combo Multigas. Fits our North respirators. Package of 2.	n/a	8435481

Cartridge rings, pre-filters and other respirator accessories are also available in our stores in Abbotsford and Delta.

Cartridges only for Speria type masks.

Eyes & Ears

TerraLink takes pride in stocking many different types and sizes of safety glasses and goggles. For the ears, we have earplugs and earmuffs, again to fit anyone. Just ask!

Safety Apparel

Various grades of spraysuits available.

Our Microchem 1500, 2000 and 3000 spraysuits were designed to be wider in the shoulders and armpits for improved movement. They feature less seams, therefore less likely to wear out, leak and tear in places that Spraysuits typically wear out first.

Grade of suit depends on chemical type being used.

We have all sizes of nitrile disposable chemical-resistant gloves, as well as a wide selection of sturdy workgloves.

Product	Size	SKU
Microchem 1500 Spray Suit, with hood (white)	medium	8435089
	large	8435090
	X-large	8435091
	XX-large	8435092
Microchem 2000 Spray Suit, with hood (white)	medium	8435081
	large	8435082
	X-large	8435083
Microchem 3000 Spray Suit, with hood and built-in boots (yellow)	medium	8435093
	large	8435094
	X-large	8435095

Gloves, Chemical-Resistant

Our spray gloves are nitril and latex, for use when mixing and applying pesticides.

Product	Size	SKU
Gloves, Nitril	XL size 10	8436400
	L size 9	8436500
	M size 8	8436600
Gloves PVC, coated gauntlet	14"	8223108
	18"	8223109
Gloves, disposable, nitrile (100/box), unpowdered, black	medium	8436521
	large	8436522
	x-large	8436523

PRUNING EQUIPMENT

Product	SKU
Bahco Berry Lopper P14-60, 1 ¼"	8439980
Bahco Berry Lopper P14-50	8444041
Bahco Hand Pruner PX-M2	8438070

Measuring Beaker. 1 L	8401250
Measuring Pitcher. 2.5 L	8504485
Measuring Pitcher. 4.5 L	8504495
Round Up "Hockey Stick" Applicator	8401480
Round Up Applicator Wick Replacement	8401500
Casoron Applicator, Hand-held	8401411

Sprayer Shield, white	8402250
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SPRAYERS AND APPLICATORS

Product	SKU
Solo Backpack Sprayer 425-101/AE. Piston Pump*	8510000
Solo Backpack Sprayer 475-B. Diaphragm Pump	8510020
Solo Backpack Sprayer 473-D. Diaphragm Pump	8510040
Solo Backpack Sprayer 425-PRO with Piston Pump*	8510015
Solo Lightweight Sprayer 1 GAL	8510016
Solo Spritzer Sprayer 1 L	8510060
Solo Granular Drop Spreader	8402310
Fertil Backpack Metered Granular Spreader	8402510

* Do not use wettable powders (WPs) with piston pumps.

FLOATING ROW COVERS

SKU	Product	Size
3764700	Novagryl Plus	10.5x 250 m
3764720	Novagryl Plus	12.8 x 250 m
3764760	Novagryl Plus	16.0 x 250 m
3764790	Novagryl Plus	20.4 x 250 m
3765070	Novagryl Regular	6.6 x 250 m
3766540	Agryl P17 Regular	4.1 x 250 m
3766460	Agryl P17 Regular	2.2 x 250 m

Fall ordering for spring delivery.

MULCH FILM



SKU	Product	Size
3772680	Black Mulch Film, 0.85 MIL, 1 year UV	4' x 4000'
3772806	Black Mulch Film, 2 MIL, 1 year UV	4' x 4000'
3772690	Black Mulch Film, 0.85 MIL, 1 year UV	4' x 6000'
3772800	Black Mulch Film, 2.2MIL, maximum UV resistance	56" x 1000'
3773026	Organix Compostable Mulch Film, 0.7 MIL	4' x 4000'
3773027	Organix Compostable Mulch Film, 0.7 MIL	4' x 250'

NURSERY GROUND COVER

SKU	Product	Size
3773050	UV Stabilized, black with white lines (3.1 oz)	6' x 300'
3773150		10' x 300'
3773180		15' x 300'
3773351	Nursery Ground Cover Staples, 6"x1"x6", sharpened tips, galvanized (1000/case)	

Custom sizes available by special order.

PLANT SCIENCE LAB SERVICES

Following is a selection of lab services typically used by forage and ranch producers. For a full list of all the testing services offered, download the Plant Sciences flyer from the TerraLink website.

Basic Soil Test:

pH, EC, N, P, K, S, organic matter and moisture content. Our basic test package is used for interim testing in between thorough looks at soil chemistry.

Test Package SKU: 57090

Standard Soil Test:

All the features of the Basic Test plus Mg, Ca, CEC and base saturation. This is important to provide insight into the activity of soil chemistry as it relates to the positively charged ions (cations).

Test Package SKU: 57160

Detailed Soil Test:

All the features of the Standard Soil Test plus sodium, boron, iron, manganese, copper and zinc. A look at the metals helps give insight into troubled soils. Recommended before any new crop is planted to plan for preplant amendments.

Test Package SKU: 57150

Compost Basic

SKU: 57370

Compost Detailed

SKU: 57380

Water Tests

Total Coliform and E.Coli SKU: 56220

Potability Complete SKU: 56400

Tissue Tests

Tissue Total Analysis SKU: 57230

Sap Test Analysis SKU: 56800

GLYPHOSATE COMPARISON CHART

Trade Name	a.i. %	Rate % (10L backpack rate)	Add Surfactant	Size	Rainfast
VP480	480 g/L	0.75-1.5 % solution (75-150 mL)	Yes	7.5 L	1 hour
Credit Xtreme	540 g/L	0.67-1.34% solution (67-134 mL)	Yes	10 L	1 hour
Roundup Transorb HC	540 g/L	0.67-1.34% solution (67-134 mL)	Yes	10 L	1 hour
Roundup Weathermax	540 g/L	0.67-1.34% solution (67-134 mL)	Yes	10 L	1 hour

*Glyphosate is rainfast in 6-24 hours. Addition of an adjuvant makes the herbicide rainfast more quickly.

NOTES

Do you sell directly to the public?

Why not carry our retail Home & Garden products to offer more choices to your customers? We sell a full line of proven conventional or organic home and garden products in attractive packaging, competitively priced.

Ask for our Home & Garden Catalogue and become a TerraLink retail partner.



Fall 2019